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SERIA AR

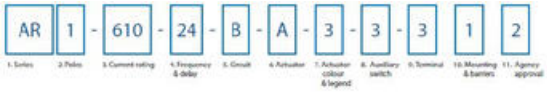
AR1-610-24-B-A-3-3-312



- 1 - 6-polowe
- 0.1-50 A
- Do 277 V AC
- Do 90 V DC

OPIS PRODUKTU

Firma Mors Smitt ze względu na swoje świetne zorientowanie na potrzeby klienta oferuje szeroką gamę wyłączników miniaturowych o przeróżnych specyfikacjach, aby sprostać najwyższym wymaganiom. Zamówienia należy komponować zgodnie z poniższą formatką. Przedstawione produkty są przykładowe.



1 Series

AR

2 Poles

1	One	4	Four
2	Two	5	Five
3	Three	6	Six

3 Current rating (amperes)

210	0.100	512	1.250	485	8.500
215	0.150	515	1.500	490	9.000
220	0.200	517	1.750	495	9.500
225	0.250	520	2.000	610	10.800
230	0.300	522	2.250	615	15.800
235	0.500	525	2.500	616	16.800
240	0.400	527	2.750	617	17.800
245	0.450	530	3.000	618	18.800
250	0.500	535	3.500	620	20.800
260	0.600	540	4.000	622	22.800
265	0.650	545	4.500	624	24.800
270	0.700	550	5.000	625	25.800
275	0.750	555	5.500	630	30.800
280	0.800	560	6.000	635	35.800[2]
285	0.850	565	6.500	640	40.800[2]
290	0.900	570	7.000	650	50.800[2]
295	0.950	575	7.500		
610	1.000	580	8.000		

Or voltage coil (nominal rated voltage)[2]

Abbr.	2 DC	06	6 AC
A12	12 DC	12	12 AC
A18	18 DC	18	18 AC
A24	24 DC	24	24 AC
A32	32 DC	48	48 AC
A48	48 DC	65	65 AC
A65	65 DC	120	120 AC
		240	240 AC

Other values on request

4 Frequency & delay

01[1]	DC, 50/60 Hz, switch only
10	DC, instantaneous
11	DC, ultra short
12	DC, short
14	DC, medium
16	DC, long
20	50/60 Hz instantaneous
21	50/60 Hz ultra short
22	50/60 Hz short
24	50/60 Hz medium
26	50/60 Hz long
42[3]	50/60 Hz short, hi-inrush
44[3]	50/60 Hz medium, hi-inrush
46[3]	50/60 Hz long, hi-inrush
52[3]	DC, short, hi-inrush
54[3]	DC, medium, hi-inrush
56[3]	DC, long, hi-inrush

5 Circuit

A[4]	Switch only (no coil)
B	Series trip (current)
C	Series trip (voltage)
D[4]	Shunt trip (current)
E[4]	Shunt trip (voltage)
H[5,6]	Dual coil with shunt trip voltage coil

6 Actuator[7]

A	Handle, one per pole
B	Handle, one per multipole unit
S	Mid-trip handle, one per pole
T	Mid-trip handle, one per pole & alarm switch

7 Actuator colour & legend

Actuator colour	I-O	ON-OFF	Dual	Legend colour
White	A	B	1	Black
Black	C	D	2	White
Red	F	G	3	White
Green	H	J	4	White
Blue	K	L	5	White
Yellow	M	N	6	Black
Grey	P	Q	7	Black
Orange	R	S	8	Black
White (short handle)[8]	V	W	0	Black

8 Auxiliary switch[9]

0	Without auxiliary switch
2	SPDT, 0.110 QC term.
3	SPDT, 0.139 solder lug
4	SPDT, 0.110 QC term. (gold contacts)
A	SPDT, 0.110 QC term. with mounted cover
B	SPDT, 0.110 QC term. (gold contacts) with mounted cover

10 Mounting & barriers

	Mounting style threaded insert, 2 per pole	Barriers
1	6-32 x 0.195 inch	No
A	6-32 x 0.195 inch	Yes (between poles only)
2	ISO M3 x 5 mm	No
B	ISO M3 x 5 mm	Yes (between poles only)

9 Terminal[10]

1[11]	Push-on, 0.250 tab (Q.C.)
2	Screw 8-32 with upturned lugs
3[12]	Screw 8-32 (bus type)
4	Screw10-32 with upturned lugs
5[12]	Screw 10-32 (bus type)
6	Screw 8-32 with upturned lugs and 30° bend
7[12]	Screw 8-32 (bus type) and 30° bend
8	Screw 10-32 with upturned lugs and 30° bend
9[12]	Screw 8-32 (bus type) and 30° bend
B	Screw M5 with upturned lugs
C	Screw M4 with upturned lugs
E[12]	Screw M4 (bus type)
F	Screw M5 with upturned lugs and 30° bend
G[12]	Screw M5 (bus type) and 30° bend
H[12]	Screw M5 (bus type)
M[12]	M6 threaded stud
Q	Push-in stud
R	Screw M4 with upturned lugs and 30° bend
T	Screw M4 (bus type) and 30° bend
U	Double faston 0.25" / 6.3 mm
V	M6 threaded stud 17 mm long with NFF washers and nut

12 Agency approval

2[13]	TUV certified, UL recognized

Notes:
1. Available up to two poles with AC or DC delays
2. Separate pole type voltage coils not rated for continuous duty. Available only with delay codes 10, 20 & 30
3. Available with circuit codes B & D only
4. For 0.1 - 30 A: select current code 630
   For 35 - 50 A: select current code 650
5. Available with terminal codes 1, 2 & 3.Current rating limited to 30 A maximum
6. Consult Mors Smitt for available dual coil options, as special catalogue number is required. With shunt construction, dual coils will trip instantaneously on line voltage. Dual coils require 30 VA minimum power to trip and are rated for intermittent duty only
7. Actuator code:
   S: Handle moves to mid-position only upon electrical trip of the breaker, available with all circuit codes, except switch only
   T: Handle moves to mid-position and alarm switch activates only upon electrical trip of the breaker, available with circuit codes B & C
8. Single pole only
9. On multi-pole breakers, one auxiliary switch is supplied, mounted in the extreme right pole (rear view)
10. Screw terminals are recommended on ratings higher than 20 A
    Ratings over 30 A are only available with terminals codes 5, 9, G and H
11. Terminal code 1; up to 30 A, but not recommended over 20 A
12. Terminal codes 3, 5, 7, 9, E, G and H (bus type) are supplied with lock washers
    Terminals code M (M6 threaded stud) is supplied with lock and flat washers
13. TUV certified: not for switch only circuit and only for actuator legend 'I-O' and dual legend
    UL recognized: for most applications, not all
    Special applications without approvals: agency approval code A

Wszystkie wyłączniki firmy Mors Smitt są projektowane zgodnie z normami:

- IEC 60077-1/2/3/4
- NF F62-001 - 1/2/3
- NF F16-101/102
- EN 45545-2
- EN 50155
- EN 61373
- EN 50124-1
- IEC 60068-2-30
- IEC 60068-2-52
- NF F61-010